



APH140 AIR CONDITIONER



USER MANUAL

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

VERY IMPORTANT

Do not install and use your portable air conditioner unit before carefully reading this instruction guide.

Please retain this manual brochure for product warranty and future reference.

CAUTION

1. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
2. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.)
3. Do not pierce or burn.
4. Be aware that refrigerants may not contain an odour.
5. Appliance shall be installed, operated and stored in a room with a floor area larger than 14m².
6. Servicing shall be performed only as recommended by the manufacturer.
7. The appliance shall be stored in a well- ventilated area where the room size corresponds to the room area as specified for operation.
8. All working procedure that affects safety means shall only be carried by competent persons.



9. "PLEASE MAKE SURE THE PRODUCT VENTILATES ALL THE TIME"! Please make sure the inlet and outlet ventilation is not blocked at all times.
10. Operate this unit on a horizontal surface to avoid water leakage.
11. Do not operate this unit in an explosive or corrosive atmosphere.
12. Operate this unit in an ambient of 35 degree centigrade or less.
13. The heating function of the unit should be operated in an indoor ambient temperature between 7°C and 23°C
14. Clean air filter periodically to enjoy the most efficient cooling.
15. When the unit is shut off, please wait at least 3.5 minutes before restarting this is to prevent the compressor from being damaged.
16. This unit needs at least 7 Amps of electricity to have its compressor operational. To avoid the electricity block

out, please do not use any extension cord for this unit.

17. This unit is for indoor cooling, heating and dehumidifying.
18. When turning on the unit, the fan will operate but the compressor will start up after the cooling alarm flashes for three minutes. In heating function, the heating alarm will flash for 3.5 minutes before the compressor and fan start up.
19. When the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.
20. In order to dispose the appliance safely, please remove the batteries from the unit before scrapping it.
21. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
22. The air-conditioner can be connected only to a supply with system impedance no more than 0.219Ω . In case necessary, please consult your supply authority for system impedance information.
23. The appliance shall be installed in accordance with national wiring regulations.
24. Do not operate your air conditioner in a wet room such as a bathroom or laundry room.

ATTENTION



For effective heating and cooling functions, please ensure that the following steps are undertaken:

1. Extend the exhaust hose to a length of not more than 400 mm. The exhaust hose must be kept parallel and must not be bent up or down.
2. A distance of 500mm minimum must be kept between the filter side of the unit and wall or any other obstacles.
3. When this appliance starts to defrost, the word "DF" will be displayed on the LED

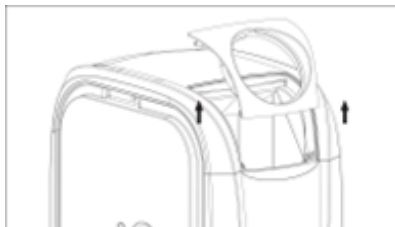
PORTABLE AIR CONDITIONER

This Air Conditioner has been designed and manufactured to the highest standards of modern engineering.

Our product not only provides you a remote control to help user operate all the functions easily and conveniently but also has below benefits:

- Moves easily from room to room on easy glide castors
- Please follow the picture to install the window kit and attach the exhaust hose before plugging the unit
- Powerful refrigerated air system cools down the ambience instantly whenever you want.
- Dehumidified and filtered air cycle improve breathing environments effectively.
- Besides the remote control, your one touch electronic pad also provides easy-identifying manual operation.
- 24 hour Programmable timer for cooling, heating and dehumidifying functions.
- Unique sleep control function
- 220~240 Volt 50Hz operation

UNPACKING INSTRUCTIONS



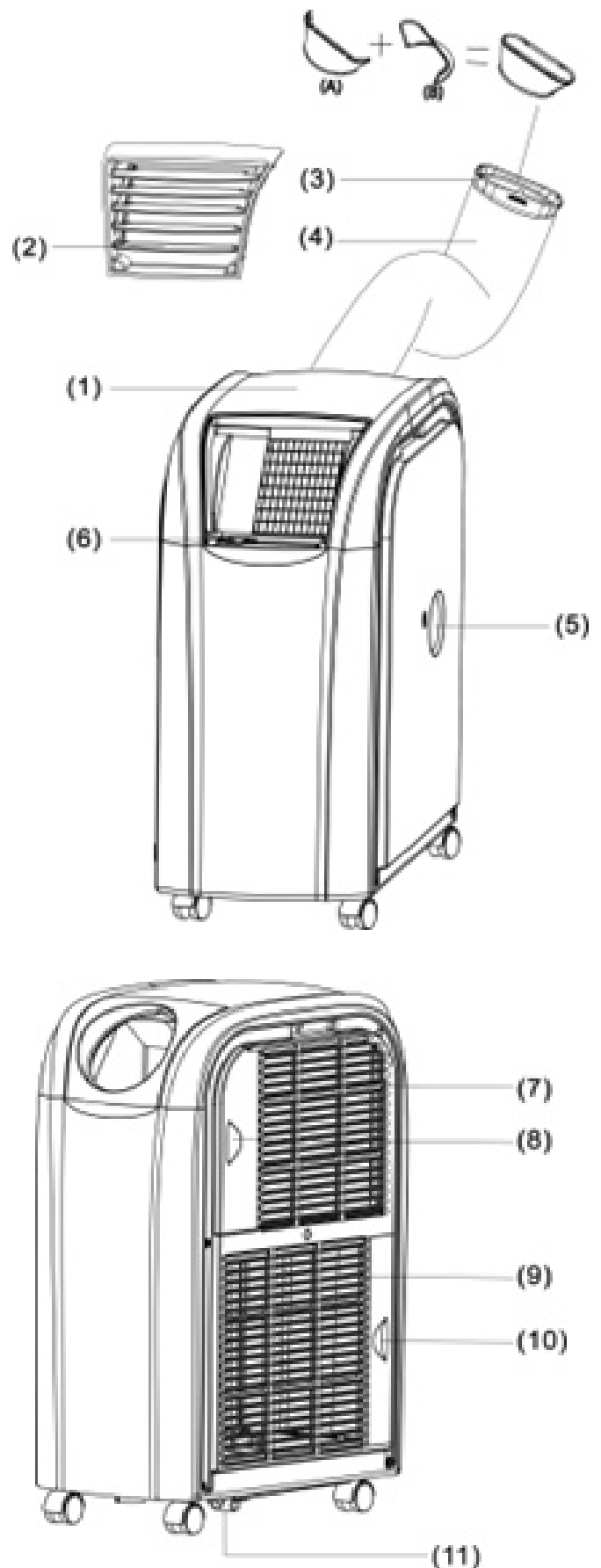
1. Place the unit in the correct upright position before unpacking.
2. Cut the two packing straps.
3. Slide the carton in an upwards motion and it will release from the base.
4. Grip the carry handles located on either sides of the unit and carefully lift until it slides out of the foam base.
5. Remove the air outlet and take out the exhaust hose as the picture.
6. Install the exhaust hose on the unit before operating the unit.

CONTENTS

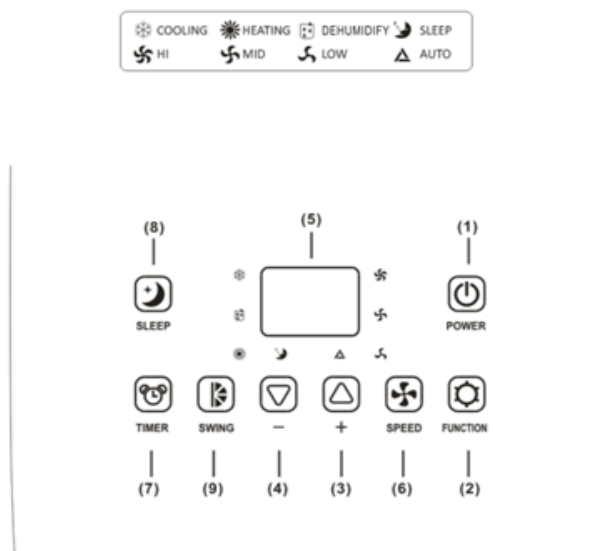
- 1 / Air conditioner unit
- 2 / Remote control
- 3 / Batteries

NAME OF THE PARTS

- 1. Control panel
- 2. Remote control receiver
- 3. Joint tube
- 4. Exhaust hose
- 5. Upside drain hole
- 6. Air freshener slot
- 7. Cool air inlet
- 8. Cool air filter
- 9. Hot air inlet
- 10. Hot air filter
- 11. Downside drain hole



CONTROL PANEL & DESCRIPTION OF FUNCTION



1. POWER KEY

Press to turn unit "ON" or "OFF".

2. FUNCTION

Press this key to select cooling, heating, or dehumidifying.

3. TEMPERATURE REGULATION KEY (UP)

During cooling function: This key raises the preset temperature by 1°C each time it is pressed and the maximum limit is 30°C.

During heating function: This key raises the preset temperature by 1°C each time it is pressed and the maximum limit is 25°C.

4. TEMPERATURE REGULATION KEY (DOWN)

During cooling function: This key lowers the preset temperature by 1°C each time it is pressed and the minimum limit is 17°C.

During heating function: This key lowers the preset temperature by 1°C each time and the minimum limit is 15°C.

5. L.E.D. DISPLAY

The display indicates the current setting temperature or the timer setting. When the set temperature or the timer is adjusted, the new setting is shown then the display returns the current set temperature.

❖ The display is also used to show error codes should a fault occur, see ERROR CODES.

6. SPEED

Press to select either LOW, MEDIUM, HIGH or AUTO fan speed.

If "AUTO" is selected (During cooling function), "HIGH" or "MEDIUM" or "LOW" will be selected automatically according to the difference between setting temperature and ambient temperature.

Note: In heating function and dehumidifying function, this key is invalid because the unit is defined to be high speed in heating mode and low speed in dehumidifying mode.

7. PROGRAMMABLE TIMER

Programmable timer ON/OFF key.

TIMER-ON: The timer-on is used to turn on the unit automatically after the set time is over.

1. Press the "TIMER" key at stand-by status to set the time you desired.
2. Once the set hour has come to an end, the unit will turn on automatically.
3. Press the "POWER" key before time out, the setting time will be canceled and the unit will turn on.
4. You can set the function and fan speed while setting the timer.

TIMER-OFF: The timer-off is used to turn off the unit automatically after the setting time is over.

1. Press the "TIMER" key at operating status to set the time you desired.
2. Once the set hour has come to an end, the unit will turn off automatically.
3. Press the "POWER" key before the time out, the setting time will be canceled and the unit will turn off.

8. SLEEP CONTROL FUNCTION

1. While in cooling mode, press the SLEEP key to set the temperature. It increases 1 °C after an hour and at most increases 2 °C after 2 hours.
2. While in heating mode, press the SLEEP key to set the temperature. It decreases 1 °C after an hour and at most decreases 2 °C after 2 hours.
3. Press the SLEEP key again can cancel the setting.

9. SWING

Press this key and the outlet will oscillating, and it will stop when this key is pressed again.

10. ALARM

When the water tank is full, "E4" will be displayed on the display panel. To resume operation, please remove the rubber cap of the drain hose to drain out the water firstly. The E4 warning will disappear after draining, and then you can restart the unit by pressing the POWER key.

REMOTE CONTROL FUNCTION

	1. POWER 2. FUNC 3. TIMER 4. AUTO 5. HI 6. MID 7. LOW 8. SLEEP 9. TEMP. 10. SWING	On/Off switch Function "MODE" selector Hourly programming Automatic fan speed High fan speed Medium fan speed Low fan speed Night operation selector Temperature selector Swing
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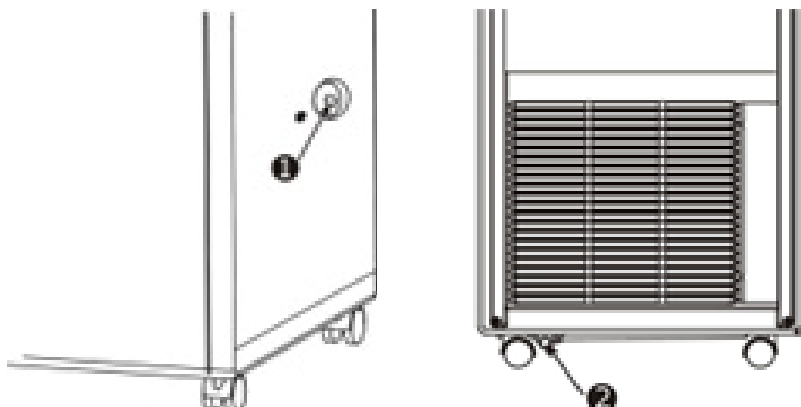
NOTICE

This unit can evaporate the condensation and distribute through the exhaust hose automatically.

1. When the unit is in the cooling function, it does not need the drain pipe installed. Please make sure that the rubber cap is locked on drain hole, when the unit is running.
2. When operating the heating function, the "①" rubber cap on drain hole should be pulled out and install a proper drain pipe in order to improve the heating effect
3. When operating the dehumidifying function the "①" rubber cap on drain hose should be pulled out and install a proper drain hose.

● Please remove the air exhaust hose, connect a drain hose to the drain hole and lead the water to the outside in order to intensify dehumidifying capacity.

❖ When the water tank is full, "E4" will be displayed on the display panel. Please remove the rubber cap "②" of the drain hole to drain out the water first. After the drainage is completed, please restart the unit and then the unit can operate normally.



MAINTENANCE

PLEASE DISCONNECT THE POWER CORD BEFORE CLEANING.

AIR FILTER

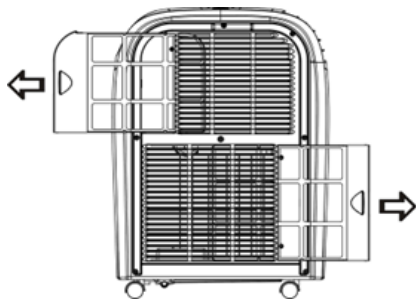
The air filter located on the left hand side of the unit can be removed, simply by pulling the frame out

CONDENSER/EVAPORATOR

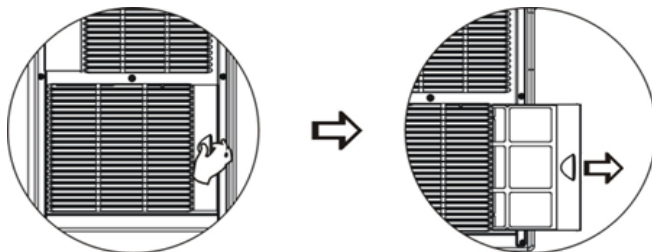
Use a brush attachment with a vacuum cleaner.

CASING

Wipe with a damp cloth and polish with a soft cloth.



To remove the air filter, please follow the arrow direction and pull the filter lightly, and then take out the filter for cleaning.



POWER SUPPLY

1. Confirm the correct power.
2. Insert the plug into the outlet firmly in order to prevent any dangerous leakage.
3. Don't pull power wire by force because it will cause damage to power wire.

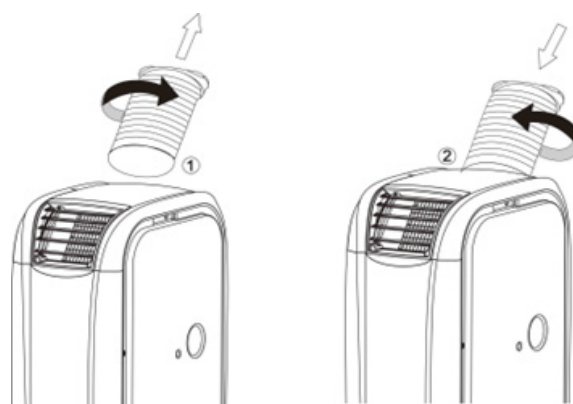


PLACE FOR USE

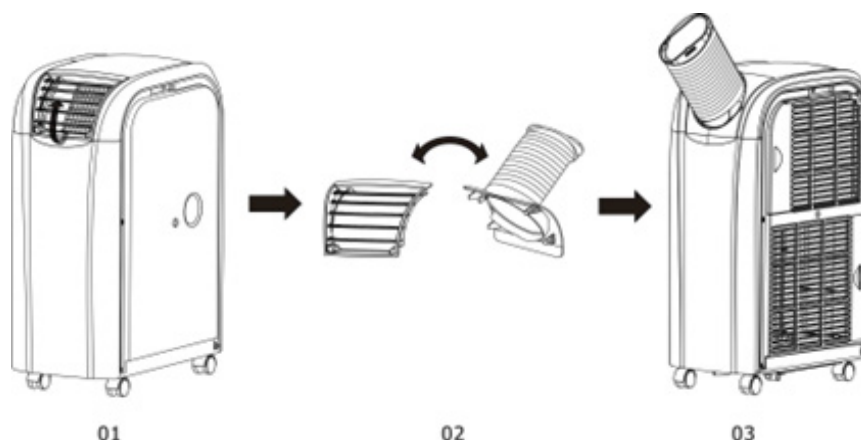
1. Because the machine distributes hot air, please don't place or operate in a narrow place.
2. In case of dangerous leak, don't work the machine in a humid place.
3. Don't place the machine in a sunlit corner otherwise the unit might shut down due to the overheat and the color of the machine may soon fade out.

EXHAUST HOSE INSTALL

1. Circumrotate the exhaust hose according to the direction as the arrowhead ① indicates and then the exhaust hose can be taken out from the unit.
2. Circumrotate the exhaust hose according to the direction as the arrowhead ② indicates and then make it connect with the unit.



HOW TO ENJOY HEATING FUNCTION?



When operating heating function:

Disassemble the outlet and the exhaust hose as arrow direction in Fig.01 and then exchange the two subassemblies to install. The finished illustration is as Fig.03.

Fuse parameters of the machine

Type: 524 or 5H Voltage: 250V Current: 3.15 A

MAINTENANCE

Problem	Cause	Trouble shooting
E1	Electrical short on both temperature sensor and PCB	Contact an electrician for repair
E2	Electrical short of temperature sensor copper tube and PCB wiring	Contact an electrician for repair
E3	Indicates water tank full	User needs to pull out the rubber stopper which is located at the bottom of the unit, to drain the water away.

SPECIFICATION

Model No.	APH140
Power Source	220-240V~50Hz
Rated Power (EN60335) Cooling Heating	1535W 1290W
Cooling Capacity	4000W
Heating Capacity	4000W
Moisture Removed	70liters/day
Refrigerant	R290, 0.27kg
Permissible Excessive Operating Pressure	
Suction:	0.6MPa
Discharge:	2.5MPa
Maximum allowable pressure	5.0MPa
Dimensions (mm)	300Wx550Dx760H

